NJR/KS/18/3232

Bachelor of Computer Application (B.C.A.) Semester—IV (C.B.S.) Examination

SQL AND PL/SQL

Paper—II

Time : Three Hours]   [Maximum Marks : 50

N.B. :— (i) **ALL** questions are compulsory and carry equal marks.

(ii) Illustrate your answers with suitable example wherever necessary.

EITHER

1. (A) What is sequence ? Give syntax for creating a sequence.   5

(B) What is transaction ? Explain COMMIT, ROLLBACK and SAVEPOINT in transaction.

5

OR

(C) Explain different types of constraints in SQL.   5

(D) Explain any two database objects in detail.   5

EITHER

2. (A) What is a view ? How will you create views from a single and multiple tables ?   5

(B) What is PL/SQL ? What are the sections in a PL/SQL code ? Explain.   5

OR

(C) Write a PL/SQL code to swap two numbers.   5

(D) Explain object view in detail.   5

EITHER

3. (A) Define cursor. Explain implicit cursor.   5

(B) What are user defined exceptions ? Explain with example.   5

OR

(C) How will you create, call and remove a stored procedure ?   5

(D) Explain parameter passing in cursors. Illustrate with the help of a PL/SQL code.   5

EITHER

4. (A) Distinguish between BEFORE and AFTER trigger with a suitable example.   5

(B) Create a function to calculate total salary of employees whose basic salary, travelling
allowances and medical allowances are passed as parameters.   5

OR

(C) Explain the enabling and disabling of trigger in PL/SQL. 5

(D) Create PL/SQL function to find largest of three numbers. Call the function to display function output. 5

5. Attempt **ALL** :

(i) Explain the use of DDL, DML and DCL. 2½

(ii) What are the advantages of PL/SQL ? 2½

(iii) Differentiate between implicit and explicit cursor. 2½

(iv) What are the advantages of using triggers ? 2½